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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appn. No.: 10/657,351
Applicant: Woo-Sung Kim et al.
Filing Date: Sep 8, 2003
Title: CONNING MOTOR HUB SURFACE TO COMPENSATE DISK CONNING
ANGLE FOR BALANCED HEAD FLYING HEIGHT ON BOTH SIDES OF A
DISK IN MIRROR ABS HARD DISK DRIVES
TC/A.U.: 2652
Examiner: Robert S. Tupper
Docket No.: 139-035U

Mailed: February 10, 2006
at Newark, CA

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.97(b),
(Within three months of filing national application; or date of entry of international
application; or before mailing date of first office action on the merits; whichever
occurs last)

or

☒ under 37 CFR 1.97(c) together with either a:
☐ Certification under 37 CFR 1.97(e), or
☒ a \$180.00 fee under 37 CFR 1.17(p)
(After the CFR 1.97(b) time period, but before final action or notice of allowance,
whichever occurs first)

or

☐ under 37 CFR 1.97(d) together with a:
☐ Certification under 37 CFR 1.97(e), and
☐ a \$180.00 fee under 37 CFR 1.17(p)
(Filed after final action or notice of allowance, whichever occurs first, but before
payment of the issue fee)

02/14/2006 HTECKLU1 00000028 10657351

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X Applicant submits herewith Form PTO/SB/08A-Information Disclosure Citation listing the patents, publications or other information of which applicant is aware, which applicant believes may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

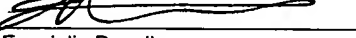
Very respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as attached hereto, addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, will be deposited with the U.S. Postal Service as first class mail with sufficient postage at Newark on February 10, 2006.

Signature 
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/657,351
Filing Date	09/08/2003
First Named Inventor	Woo-Sung Kim et al.
Art Unit	2652
Examiner Name	Robert S. Tupper
Attorney Docket Number	139-035U

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,283,491	02-01-1994	Jabbar et al.	
		US-6,567,238	05-20-2003	Renken et al.	
		US-2002/0057530	06-16-2002	Lalouette	
		US-2001/0013989	08-16-2001	Saiki et al.	
		US-6,148,501	11-21-2000	Grantz et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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